

Top 20 Chemicals with Largest TRI On-site and Off-site Releases, All Industries, 2001

CAS Number Chemical		On-site Releases							Off-site Releases	Total On- and Off-site Releases
		Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Land Releases		Total On-site Releases Pounds		
				Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
									Transfers Off-site to Disposal Pounds	
	-- Copper compounds	1,416,114	418,663	176,425	717,758	4,123,867	994,136,994	1,000,989,821	17,096,211	1,018,086,032
	-- Zinc compounds	6,159,692	2,172,966	537,865	9,119,066	19,080,399	719,530,209	756,600,197	205,468,291	962,068,488
7647-01-0	Hydrochloric acid	587,134,079	2,445	46,398	2,172	0	188,608	587,373,702	746,442	588,120,144
	-- Lead compounds	1,254,381	362,122	206,138	6,026,677	5,986,663	358,128,545	371,964,527	50,213,158	422,177,685
	-- Manganese compounds	1,877,226	6,236,782	11,316,486	1,165,027	3,562,861	328,138,941	352,297,323	47,995,623	400,292,945
	-- Arsenic compounds	177,832	141,172	65,713	1,466,028	3,130,653	373,104,273	378,085,671	3,000,912	381,086,583
	-- Nitrate compounds	515,899	192,795,905	36,865,869	1,643	87,500	13,419,054	243,685,870	14,174,527	257,860,397
	-- Barium compounds	2,163,853	1,475,918	15,514	1,965,433	2,351,397	198,668,435	206,640,550	45,504,419	252,144,968
67-56-1	Methanol	175,844,606	3,380,299	13,377,821	80,001	97,719	1,354,297	194,134,743	2,829,290	196,964,033
7664-41-7	Ammonia	122,057,546	6,621,166	22,930,936	43,301	15,065	3,605,984	155,273,998	3,247,048	158,521,046
7664-93-9	Sulfuric acid	146,397,844	694	679,045	0	66,810	481,965	147,626,358	129,606	147,755,964
	-- Chromium compounds	671,106	178,352	2,188,916	51,250	2,676,859	94,041,777	99,808,260	16,725,832	116,534,092
	-- Vanadium compounds	1,399,953	639,856	882,575	0	51,005	78,884,807	81,858,196	6,641,947	88,500,143
108-88-3	Toluene	71,539,704	75,909	264,765	365	82,903	44,754	72,008,400	1,780,473	73,788,873
7664-39-3	Hydrogen fluoride	67,248,474	21,549	4,400,000	0	30,407	249,168	71,949,598	136,470	72,086,068
	-- Nickel compounds	1,004,693	244,846	710,080	270,609	5,600,859	45,383,246	53,214,334	13,753,100	66,967,433
7439-96-5	Manganese	904,434	165,392	0	0	3,796,840	12,535,661	17,402,327	31,582,035	48,984,362
100-42-5	Styrene	46,466,141	2,993	394,001	0	106,595	58,625	47,028,355	1,953,117	48,981,473
1330-20-7	Xylene (mixed isomers)	47,081,406	21,972	80,521	550	133,072	44,222	47,361,743	1,158,921	48,520,664
110-54-3	n-Hexane	47,644,345	10,531	69,663	0	343	9,600	47,734,482	427,958	48,162,440
	Subtotal	1,328,959,329	214,969,533	95,208,731	20,909,880	50,981,817	3,222,009,165	4,933,038,455	464,565,380	5,397,603,835
	Total*	1,679,373,058	220,796,115	193,436,563	21,987,723	138,220,131	3,326,460,403	5,580,273,993	577,723,085	6,157,997,078

Note: On-site Releases are from Section 5 of Form R. **Off-site Releases** are from Section 6 (transfers off-site to disposal) of Form R. **Off-site Releases** include metals and metal category compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs. Off-site Releases do not include transfers to disposal sent to other TRI facilities that reported the amount as an on-site release.

* Total for All Industries